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(54) Title: ANTI-INFLAMMATORY TREATMENT BASED ON STRONTIUM COMPOUNDS

(57) Abstract: The invention provides a method of treatment of a human or non-human animal subject to combat inflammation arising from a condition associated with pain or a condition not associated with pain, said method comprising administering to said subject an effective amount of a physiologically tolerable strontium compound.

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INTERNATIONAL SEARCH REPORT

Int lional Application No

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K33/24 A61K31/28 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/028742 A (COCKBAIN JULIAN ; FAGERLUND BJOERN JARL (NO); JELLUM EGIL (NO); SANTOS) 10 April 2003 (2003-04-10) cited in the application page 2, lines 35-37; claims 1,2,5,6,8,10 page 4, lines 5-13; example 4 page 8, lines 3-14; example 19	1,2,6, 8-11,17
X	US 5 851 556 A (BRETON LIONEL ET AL) 22 December 1998 (1998-12-22) column 6, line 21 - column 7, line 18; claims 26-28,32-40; example 22 column 1, line 43 - column 2, line 7; examples 6-13,21,23,24 ----- -/--	1-7,10, 11,14,15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

26 October 2004

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04/11/2004

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INTERNATIONAL SEARCH REPORT

Int lonal Application No
PCT/GB2004/001369

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/19184 A (HAHN GARY SCOTT ; COSMEDERM TECHNOLOGIES (US); THUESON DAVID OREL (US)) 27 June 1996 (1996-06-27) page 8, lines 10-27; claims 1,38,40,41,50,53-58,61 page 16, line 1 - page 17, line 9 page 26, lines 1-19 page 30, lines 3-7 page 5, line 20 - page 6, line 1	1-7,10, 11,14,15
X	HAHN G S: "Strontium is a potent and selective inhibitor of sensory irritation" DERMATOLOGIC SURGERY, ELSEVIER SCIENCE, NEW YORK, NY, US, vol. 25, no. 9, September 1999 (1999-09), pages 689-694, XP002225553 ISSN: 1076-0512 page 693, left-hand column, paragraph 2	1-7,10, 17
X	WO 97/48371 A (HAHN GARY SCOTT ; QUICK TIMOTHY W (US); COSMEDERM TECHNOLOGIES (US); T) 24 December 1997 (1997-12-24) page 25, line 8 - page 26, line 6 page 30, line 6 - page 31, line 5 page 37	1-8,10, 14
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A	US 5 258 557 A (VARGAS-GARZA HECTOR) 2 November 1993 (1993-11-02) column 1, line 47 - column 2, line 6; claim 9	2,5,11, 12
A	US 6 168 777 B1 (GREFF RICHARD J ET AL) 2 January 2001 (2001-01-02) claims 1,3,6	9

INTERNATIONAL SEARCH REPORT

national application No.
PCT/GB2004/001369

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-5 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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